

LAND APPLICATION SITE

MIKE A GUNN SITE

DWMAG 1-3

DINWIDDIE COUNTY

### VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

### PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

PART D-VI: LAND APPLICATION AGREEMENT -	BIO20FID2 AND INDO21KIAL K	ESIDUALS
A. This land application agreement is made on 12-27 here as "Landowner", and Recyc Systems, Inc. re remains in effect until it is terminated in writing by either p the Landowner in the event of a sale of one or more parcendividual parcels identified in this agreement changes, the longer be authorized to receive biosolids or industrial residuals.	erred to here as the "Permittee". This arty or, with respect to those parcels th als, until ownership of all parcels chang ase parcels for which ownership has cl	agreement nat are retained by ges. If ownership of
Landowner: The Landowner is the owner of record of the real property the agricultural, silvicultural or reclamation sites identified attached as Exhibit A.	located in <u>Dັກພະເວລາ É</u> , Virginia below in Table 1 and identified on the	a, which includes tax map(s)
Table 1.: Parcels authorized to receive biosolids, w	ater treatment residuals or other indust	trial sludges
Tax Parcel ID Tax Parcel ID	<u>Tax Parcel ID</u> <u>T</u>	ax Parcel ID
TM 52. P26	:	
TM65-2, P4	:	
Tm65-2, P5		
Additional parcels containing Land Application Sites are identified on Si	upplement A (check if applicable)	
Check one:   The Landowner is the sole owner  The Landowner is one of multiple	of the properties identified herein. owners of the properties identified her	rein.
In the event that the Landowner sells or transfers all or pa within 38 months of the latest date of biosolids application 1. Notify the purchaser or transferee of the applicable later than the date of the property transfer; and 2. Notify the Permittee of the sale within two weeks	, the Landowner shall: e public access and crop management	
The Landowner has no other agreements for land applica notify the Permittee immediately if conditions change such for application or any part of this agreement becomes invaincorrect.	that the fields are no longer available	to the Permittee
The Landowner hereby grants permission to the Permittee agricultural sites identified above and in Exhibit A. The Landspections on the land identified above, before, during or purpose of determining compliance with regulatory require	Indowner also grants permission for DE after land application of permitted residences applicable to such application.	EQ staff to conduct duals for the
Class B biosolids Water treatment residuals Foo  ☑ Yes ☐ No ☑ Yes ☐ No ☑ Y	d processing waste Other industrices ☐ No ☑ Yes ☐	<u>al sludges</u> ] No
Landowner - Printed Name Title Signature  Permittee:	Whitmore Rd McKens Mailing Address & 807-0	<u>Vlag VA 23872</u> Plyone Number 191 - 8700
Recyc Systems, Inc., the Permittee, agrees to apply biosolic manner authorized by the VPA Permit Regulation and in amount plan prepared for each land application field by a person certified	s not to exceed the rates idehtified in the n I in accordance with §10.1-104.2 of the Col	utrient management de of Virginia.
The Permittee agrees to notify the Landowner or the Landowner specifically prior to any particular application to the Landowner's		

PO Box 562 Remington, Virginia 22734

Permittee – Authorized Representative Printed Name Signature Mailing Address

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☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Permittee: Recyc Systems, Inc	County or City: DINWIDDIE
Landowner: DIXIE LAND CORPORATI	ON
Landowner Site Management Require	
application of biosolids, the components of biosol	Is Fact Sheet that includes information regarding regulations governing the land ids and proper handling and land application of biosolids.
identified below must be complied with after bloss that I am responsible for the implementation of the	tee that the site management requirements and site access restrictions blids have been applied on my property in order to protect public health, and ese practices.
agree to implement the following site management hipsolids at the site:	ent practices at each site under my ownership following the land application or
<ol> <li>Notification Signs: I will not remove any si biosolids land application site, unless requ completed.</li> </ol>	gns posted by the Permittee for the purpose of identifying my field as a lested by the Permittee, until at least 30 days after land application at that site is
2. Public Access : Public Access to land with a high	potential for public exposure shall be restricted for at least one year following
any application of biosolids. b. Public access to land with a low papplication of biosolids. No biosolids ame period of time unless adequates.	potential for public exposure shall be restricted for at least 30 days following any blids amended soil shall be excavated or removed from the site during this uate provisions are made to prevent public exposure to soil, dusts or aerosols; ds are applied shall not be harvested for one year after application of biosolids to neither land with a high potential for public exposure or a lawn, unless
when the harvested turn is placed otherwise specified by DEQ.	Ton eliner land with a riigh potential for pools of pro-
not be harvested for 14 months a	
application of biosolids when the months prior to incorporation into c. Food crops with harvested parts	the soil, below the surface of the land shall not be harvested for 38 months when the below the surface of the land shall not be harvested for incorporation.
<ul> <li>d. Other food crops and fiber crops</li> <li>e. Feed crops shall not be narvested animals).</li> </ul>	shall not be harvested for 30 days after the application of biosolids; and for 30 days after the application of biosolids (60 days if fed to lactating dairy)
<ul> <li>Other animals shall be restricted</li> </ul>	ot be grazed for 30 days. be grazed for a minimum of 60 days. I from grazing for 30 days;
5. Supplemental commercial fertilizer or ma applications such that the total crop need developed by a person certified in according	nure applications will be coordinated with the biosolids and industrial residuals solvent for nutrients are not exceeded as identified in the nutrient management plan lance with §10.1-104.2 of the Code of Virginia;
	accumulate cadmium, should not be grown on the Landowner's land for three is or industrial residuals which bear cadmium equal to or exceeding 0.45
MAM	12-27-12
Landowner's Signature	Date
(SAYE)  Farm Operator Signature	Mailing Address & Phone Number
rami Operator dignostre	

### Landowner Coordination Form

This form is used by the Permittee to identify properties (tax parcels) that are authorized to receive biosolids and/or industrial residuals, and each of the legal landowners of those tax parcels. A Land Application Agreement-Biosolids and Industrial Residuals from original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

Permittee: <u>RECYC SYSTEMS, I</u>	NC	Site Name: MIKE A GUNN	_
County or City: <u>DINWIDDIE</u>			
Please Print		Signature not required on this page	
Tax Parcel ID(s)		Landowners (s)	
TM52, P26	DIXIE LAND COR	PORATION	
TM65-2, P4	DIXIE LAND COR	PORATION	
TM65-2,P5	DIXIE LAND COR	PORATION	

Rev 9/14/2012

Tax Parcel # 52-26

THIS DEED OF GIFT, made and entered into this 3<sup>rd</sup> day of December, 2007, by and between RICHARD L. <u>BLACKWOOD</u>, Grantor; and <u>DIXIE LAND CORPORATION</u>, a Virginia Corporation, Grantee.

WITNESSETH: That for and consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration, cash in hand paid by Grantee to the Grantor, the receipt whereof is hereby acknowledged, the said Grantor does hereby grant and convey, with GENERAL WARRANTY and ENGLISH COVENANTS of title, except as hereinafter set forth unto Dixie Land Corporation the following described property, to-wit:

All of Grantor's right title and interest in that certain tract or parcel of land together with any improvements thereon and all appurtenances thereto belonging, lying, being and situate in the Darvills District, Dinwiddie County, Virginia, containing 88.33 acres, more or less recorded in the Clerk's Office of the Circuit Court of Dinwiddie County, Virginia, instrument number 07 000000735.

Being the same property conveyed to Ephraim Bridgeforth and Martha Jackson Bridgeforth, his wife, jointly, with the right of survivorship, by deed dated February 1, 1965 from Eddie and Cora Jackson, which deed is recorded in the Clerk's Office of the Circuit Court of Dinwiddie County, Virginia, in Deed Book 123, page 142. Together with a perpetual non-exclusive easement of ingress and egress recorded in Deed Book 332, page 107.

This conveyance is also made expressly subject to all conditions, restrictions, reservations, and/or easements of record or apparent on the ground to the extent that they may lawfully apply.

WITNESS the following signature and seal:

Richard L. Blackwood

(SEAL)

î.q

### **FARM DATA SHEET**

SITE NAME:			
	Mike A. Gunn Site	COUNTY:	Dinwiddie
OWNER:	Dixie Land Corporation	OPERATOR:	Mike A. Gunn
OWNER'S	4020 Whitmore Road	OPERATOR'S	4020 Whitmore Road
ADDRESS:	McKenney, VA. 23872	ADDRESS:	McKenney, VA. 23872
OWNER'S TELEPHONE:	804-691-8700	OPERATOR'S TELEPHONE:	804-691-8700
GENERAL FARM TYPE:	Crop	CELL PHONE:	
# CATTLE:	None	EMAIL:	
LAGOON or SLURRY:	None	LATITUDE:	37° 02′ 29″
TOPO QUAD:	Darvills	LONGITUDE:	77° 49′ 49″
COMMENTS:	Prior to spreading, check with operator concerning Field 3. As of 1-1-13 negotiating for 'potential' tobacco use. Currently hay/beans.		
	In north end of Field 2 is a pile of topsoil to be used to level a washed area. Also several round bails of hay.		

## RECYC SYSTEMS, INC FIELD DATA SHEET

Field	Gross	Enviro	nmentally Se	nsitive Soil	s		Tax	FSA
Identification	Acres	Water Table	Bed Rock/Shallow	Surf/Leach	Freq Flood	Hydro Map	Map #	Tract#
DWMAG 1	12.3	-	-	-	_	CU11	TM65-2,P5	T6159 Field 6
DWMAG 2	26.2	-	-	-	-	CU11	TM65-2,P4,5	T6159 Fields0,3,4,5
DWMAG 3	21.5	-	-	-	-	CU11	TM52,P26 TM65-2,P5	T445 Field 1
							100,000,000	
		•						
		, , , , , , , , , , , , , , , , , , , ,						
TOTAL ACRES IN SITE	60.0						<u> </u>	

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Report Number: 12-340-0571 **Account Number: 70594** 

www.aleastern.com

A&L Eastern Laboratories

7621 Whitepine Road Richmond, Virginia 23237 (804) 743-9401 Fax (804) 271-6446

Send To: RECYC SYSTEMS INC

SUSAN TRUMBO 8455 WHITESHOP RD **CULPEPER VA 22701** 

Grower:

Submitted By: J.B. CRENSHAW

Farm ID:

**GUNN** 

DINWIDDIE

**SOIL ANALYSIS REPORT** 

Analytical Method(s):

Mehlich 3

**Date Received: 12/04/2012** 

Date Of Analysis: 12/05/2012

Date Of Report: 12/07/2012

		Or	ganic Ma	atter		Phos	phorus		Pota	ssium	Mag	nesium	Cald	cium	Sod	ium	ŗ	Н	Acidity	C.E.C
Sample ID Field ID	Lab Number	<b>%</b>	Rate	ENR Ibs/A	Mehl ppm	ich 3 Rate	Res ppm	erve Rate	ppm	K Rate	l	Mg Rate	ppm C	a Rate	ppm N	a Rate	Soil pH	Buffer Index	H meq/100g	meq/100g
DWDXL-1	11989	3.5	M	109	48	М			155	Н	132	М	1079	Н			6.4	6.86	0.7	7.6
DWDXL-2	11990	2.8	М	98	35	М			121	М	98	н	763	Н			6.6	6.90	0.3	5.3

		Perce	nt Base	Saturati	on	Nitr	ate	Su	lfur	Zi	nc	Mang	anese	Ir	on	Cop	per	Во	ron	Soluble	Salts	Chlo	oride	Aluminum
Sample ID Field ID	к	Mg	Ca	Na	н	NO	,N		S	Z	'n	N	n	F	е	C	u		3	SS	3	0	) 	Al
T ICIG ID	%	%	%	%	%	ppm	Rate	ppm	Rate	ppm	Rate	ppm	Rate	ppm	Rate	ppm	Rate	ppm	Rate	ms/cm	Rate	ppm	Rate	ppm
DWDXL-1	52	14.5	71.0		8.9														-					
DWDXL-2	5.9	15.4	72.0		5.9																-			

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

This report applies to sample(s) tested. Samples are retained a maximum of thirty days after testing.

Analysis prepared by: A&L Eastern Laboratories, Inc.

by: Paurie Mc George

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Report Number: 12-340-0571 **Account Number: 70594** 



A&L Eastern Laboratories

7621 Whitepine Road Richmond, Virginia 23237 (804) 743-9401 Fax (804) 271-6446

Send To: RECYC SYSTEMS INC

SUSAN TRUMBO 8455 WHITESHOP RD **CULPEPER VA 22701** 

Grower:

Submitted By: J.B. CRENSHAW

Farm ID:

**Date Received: 12/04/2012** 

Date Of Report: 12/07/2012

### **SOIL FERTILITY RECOMMENDATIONS**

Sample ID Field ID	Intended Crop	Yield Goal	Lime Tons/A	Nitrogen N Ib/A	Phosphate P <sub>2</sub> O <sub>5</sub> Ib/A	Potash K <sub>2</sub> O Ib/A	Magnesium Mg Ib/A	Sulfur S Ib/A	Zinc Zn Ib/A	Manganese Mn lb/A	Iron Fe Ib/A	Copper Cu lb/A	Boron B Ib/A
DWDXL-1	Adjust phHto 6x86.8	0	1.0				0						
DWDXL-2	Adjust phHto 6b86.8	0	1.0				0						

**GUNN** 

**DINWIDDIE** 

#### Comments:

"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made."

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Pauric Mc George

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**Report Number: 12-349-0665** 

**Account Number: 70594** 



A&L Eastern Laboratories

7621 Whitepine Road Richmond, Virginia 23237 (804) 743-9401 Fax (804) 271-6446

Send To: RECYC SYSTEMS INC

SUSAN TRUMBO 8455 WHITESHOP RD CULPEPER VA 22701 Grower:

Submitted By: J.B. CRENSHAW

Farm ID:

GUNN DINWIDDIE

SOIL ANALYSIS REPORT

Analytical Method(s):

Mehlich 3

Date Received: 12/13/2012

Date Of Analysis: 12/14/2012

Date Of Report: 12/18/2012

CI ID		Or	ganic Ma	atter		Phos	phorus		Pota	ssium	Magi	nesium	Cal	cium	Sod	lium	p	Н	Acidity	C.E.C
Sample ID Field ID	Lab Number	%	Rate	ENR	Meh	lich 3	Res	erve		K	N	Иg	(	a	N	la	Soil	Buffer	н	
		,,		lbs/A	ppm	Rate	ppm	Rate	ppm	Rate	ppm	Rate	ppm	Rate	ppm	Rate	pН	Index	meq/100g	meq/100g
DWMAG3	20674	1.4	L	73	44	М			85	М	49	М	324	L			5.3	6.83	1.0	3.3

		Perce	nt Base :	Saturatio	on	Nitra	ate	Su	lfur	Zir	10	Mang	anese	Ir	on	Сор	per	Boi	ron	Soluble	Salts	Chlo	oride	Aluminum
Sample ID Field ID	K	Mg	Ca	Na	Н	NO,	N	:	s	Zı	n	M	ın	F	е	Cı	1	Е	3	SS	3	0	X	Ai
1 1014 15	%	%	%	%	%	ppm	Rate	ppm	Rate	ppm	Rate	ppm	Rate	ppm	Rate	ppm	Rate	ppm	Rate	ms/cm	Rate	ppm	Rate	ppm
DWMAG3	6.6	12,4	49.1		30.6																		•	

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

This report applies to sample(s) tested. Samples are retained a maximum of thirty days after testing.

Analysis prepared by: A&L Eastern Laboratories, Inc.

by: Pauric Mc George

Page 2 of 2

Report Number: 12-349-0665

**Account Number: 70594** 



A&L Eastern Laboratories

7621 Whitepine Road Richmond, Virginia 23237 (804) 743-9401 Fax (804) 271-6446

Send To: RECYC SYSTEMS INC.

SUSAN TRUMBO 8455 WHITESHOP RD Grower:

Submitted Bv: J.B. CRENSHAW

Farm ID:

**CULPEPER VA 22701** 

**Date Received: 12/13/2012** 

Date Of Report: 12/18/2012

### **SOIL FERTILITY RECOMMENDATIONS**

Sample ID Field ID	Intended Crop	Yield Goal	Lime Tons/A	Nitrogen N Ib/A	Phosphate P <sub>2</sub> O <sub>5</sub> Ib/A	Potash K <sub>2</sub> O Ib/A	Magnesium Mg Ib/A	Sulfur S Ib/A	Zinc Zn lb/A	Manganese Mn lb/A	lron Fe lb/A	Copper Cu Ib/A	Boron B Ib/A
DWMAG3	Adjust pH to 6.8	0	1.8				31						

**GUNN** 

DINWIDDIE

#### Comments:

Sample(s): DWMAG3 Crop: Adjust pH to 6.8

Apply dolomitic lime to raise pH and improve the magnesium level.

If dolomitic lime is not used, apply required magnesium with magnesium oxide. Epsom Salts, K-Mag or Sul-PO-Mag.

"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made."

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Pauric Mc George

### THE PLANNER IS NOT STATE CERTIFIED

### Nutrient Management Plan Balance Sheet (Spring, 2013-Summer, 2016) Mike A Gunn Planner: Recyc Systems, Inc.

Tract: 445

Location: Dinwiddie

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

	(N - N based, IP = P	based,	1.5P = 1	P based at 1.5 remov	al, UP = NO P al	iowea)								
	Field	Size	Yr.	Crop	Needs	Leg	Manure/Biosld	IT	Man/Bios	Net = Needs -	Sum	Commercial	Notes	
	CFSA No.	(ac)		·	N-P-K	/Man	Rate & Type	(d)	N-P-K	appld N-P-K	Р	N-P-K		
	/Name	Total/			(lbs/ac)	Resid	(season)	` ′	(lbs/ac)	(lbs/ac)	rem	(lbs/ac)	· ·	
ı		Used			` '		[` '		, ,	<b> </b> `	cred	,	ļ	
	1/DWMAG 3(N)	22/22	2013	Soybeans (FS)	0-40-60	0/0				0-40-60	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 6159 Location: Dinwiddie (N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (Ibs/ac)	Leg /Man Resid	Manure/BiosId Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
6/DWMAG 1(N)	12/12	2013	Soybeans (FS)	0-40-30	0/0				0-40-30	N/A			
0,3,4,5/DWMAG 2(N)	26/26	2013	Soybeans (FS)	0-60-40	0/0				0-60-40	N/A			

Commercial Application Methods: br - Broadcast ba - Banded sd - Sidedress

Notes:

### Soil Test Summary

Tract	Field	Acre	Date	P2O5	K2O	Lab	Soil pH	Lime Date	rec. lime tons/Ac
445	DWMAG 3	22	2012-Wi	M+ (44 P ppm)	M (85 K ppm)	A&L MIII	5.3		
6159	DWMAG 1	12	2012-Wi	H- (48 P ppm)	H (155 K ppm)	A&L MIII	6.4		
6159	DWMAG 2	26	2012-Wi	M (35 P ppm)	M+ (121 K ppm)	A&L MIII	6.6		

### Field Productivities sofor Major Crops

Tract Name	Tract/ Field	Field Name	Acres	Predominant Soil Series	Corn	Small Grain	Alfalfa	Grass Hay	Environmentaal Wannings
445	445/1	DWMAG 3	22	Appling	IVa	11	III	111	
6159	6159/6	DWMAG 1	12	Appling	<b>IV</b> a	ll	III	III	
	6159/0,3, 4.5	DWMAG 2	26	Cecil	<b>IV</b> a	11	111	II	

### Yield Range

Field Productivity Group	Corn Grain Bu/Acre	Barley/lintensive Wheat Bul/Acre	Std. Wheat Bu/Acre	Alfalifa Tons//Acre	Grass/Hay Tons//Acre
11	≥170	>80	>64	<b>≥</b> 6	<b>≽4</b> .0
<b>II</b>	<b>150-17</b> 0	<b>70-8</b> 0	<b>56-6</b> 4	4-6	3. <b>5-4</b> .0
111	<b>130-15</b> 0	60-70	48-56	<b>≼</b> 4	<b>3.0-3</b> .5
IV	100-130	50-60	40-48	NA	<b>≪3.0</b>
V	<b>≤100</b>	<b>&lt;</b> 50	<b>&lt;</b> 40	NA	<b>N</b> A

### **Farm Summary Report**

Plan:

**New Plan** 

Spring, 2013 - Summer, 2016

Farm Name: Location:

Mike A Gunn Dinwiddie

Specialist:

Recyc Systems, Inc.

N-based Acres: 60.0 P-based Acres: 0.0

Tract Name:

445

В

FSA Number: 445

Location:

Dinwiddie

Field Name:

DWMAG 3

Total Acres:

21.50 Usable Acres: 21.50

FSA Number:

Tract: 445

Location:

Dinwiddie

Slope Class:

Hydrologic Group:

В

Riparian buffer width: 0 ft Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE Wi-2012

PH Ρ 5.3

M+(44 P ppm)

Κ M(85 K ppm)

A&L MIII

Lab

Soils:

**PERCENT** 

SYMBOL

**SOIL SERIES** 

95 5

2B 2C **Appling Appling** 

### Field Warnings:

Crop Rotation:

PLANTED YIELD

**CROP NAME** 

2013-Sp

35.0 bushel(s)

Soybeans (FS) - No Till

Tract Name: 6159

FSA Number: 6159

Location:

Dinwiddie

Field Name:

**DWMAG 1** 

Total Acres:

12.30 Usable Acres: 12.30

FSA Number: 6 Tract: 6159

Location:

Dinwiddie

Slope Class: В Hydrologic Group:

В

Riparian buffer width: 0 ft Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE PH Wi-2012 6.4

Ρ

H-(48 P ppm)

Κ H(155 K ppm)

A&L MIII

Lab

Soils:

PERCENT

SYMBOL **SOIL SERIES** 

44 20 2B 2C **Appling** Appling

37

4B

Cecil

Field Warnings:

Crop Rotation:

**PLANTED** 

YIELD

**CROP NAME** 

2013-Sp 35.0 bushel(s) Soybeans (FS) - No Till

Field Name:

**DWMAG 2** 

Total Acres:

26.20 Usable Acres: 26.20

FSA Number: 0,3,4,5 Tract:

6159

Location:

Dinwiddie

Slope Class: В Hydrologic Group: В

Riparian buffer width: 0 ft Distance to stream: 0 ft

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE

PH

Ρ

Κ

Wi-2012

6.6

M(35 P ppm)

M+(121 K ppm)

A&L MIII

Lab

Soils:

**PERCENT** 

SYMBOL

**SOIL SERIES** 

79

4B Cecil

21

4C Cecil

Field Warnings:

Crop Rotation: PLANTED

YIELD

**CROP NAME** 

2013-Sp

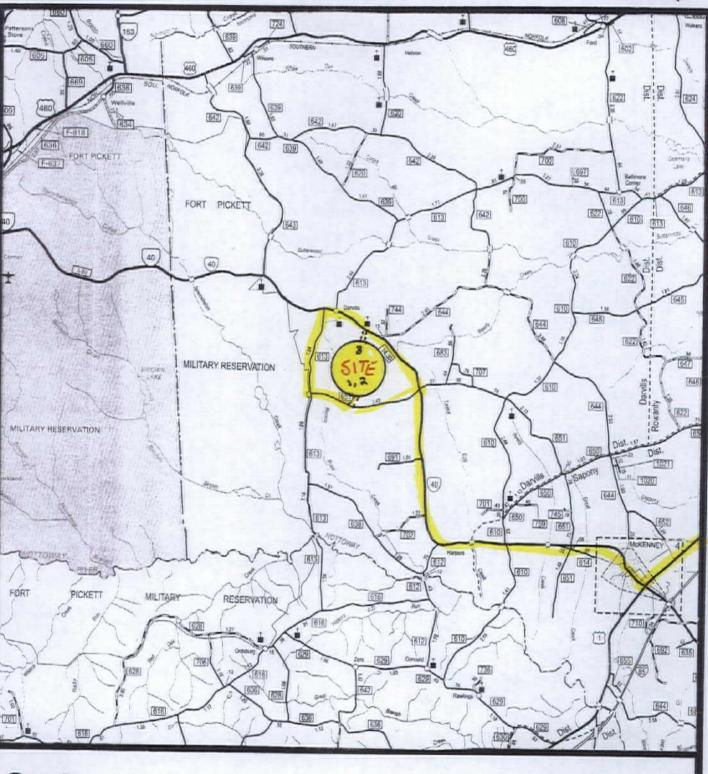
35.0 bushel(s)

Soybeans (FS) - No Till

## MAPS

(Biosolids Land Application)





Scale:

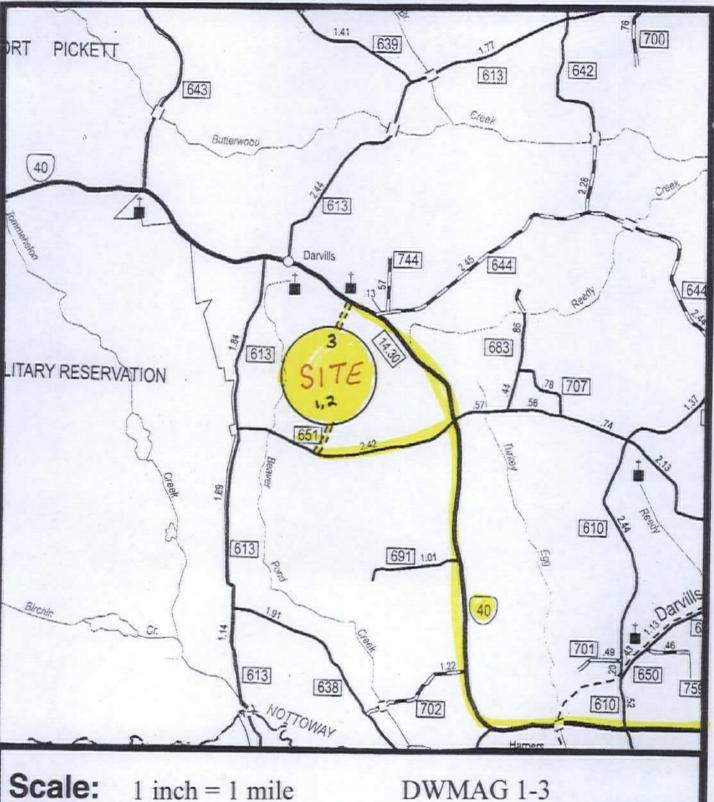
1 inch = 2 miles

DWMAG 1-3

**VICINITY MAP** 

(Biosolids Land Application)





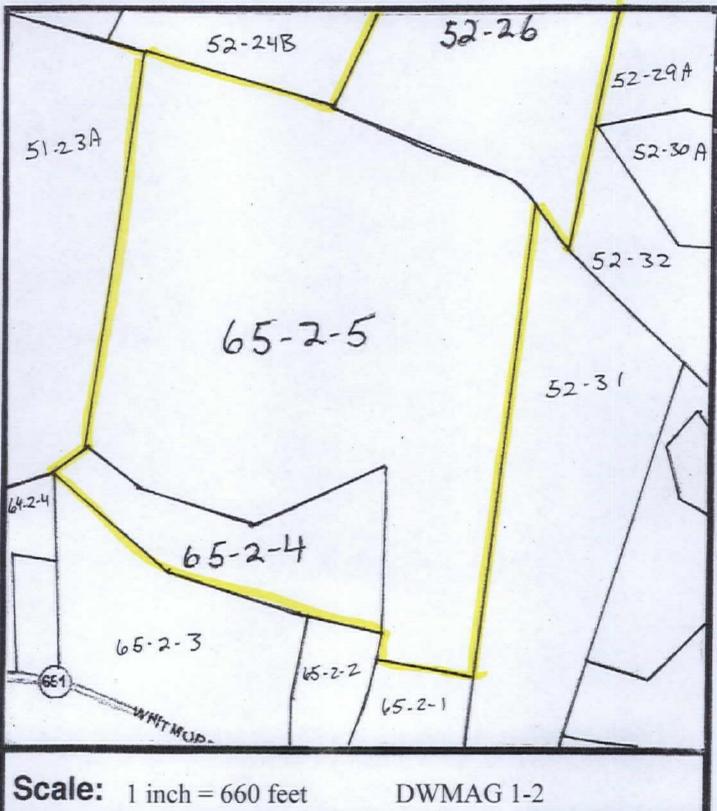
VICINITY MAP

N

## Recyc Systems Inc.

(Biosolids Land Application)





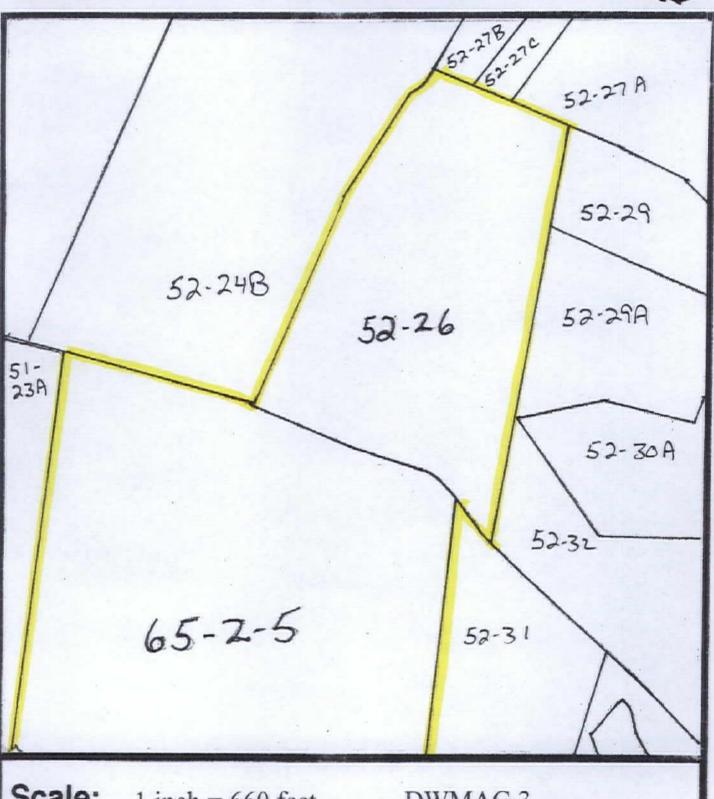
TAX MAP

MA

## Recyc Systems Inc.



(Biosolids Land Application)



Scale:

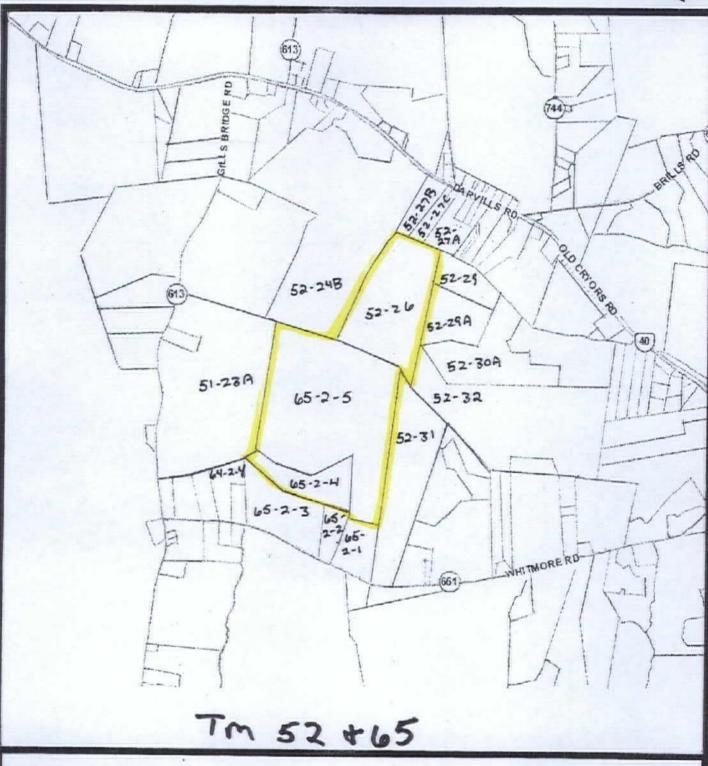
1 inch = 660 feet

DWMAG 3

TAX MAP

(Biosolids Land Application)





**Scale:** 1 inch = 2,000 feet

DWMAG 1-3

TAX MAP

N

### ADJOINING LANDOWNERS

Mike A. Gunn Site

### DINWIDDIE COUNTY

Tax Map	Parcel #	Owner Name(s)
51	23A	Lloyde M. Harrison, Jr.
52	24B	Charles R. Stone
	27A	Thomas A. & Constance H. Jordan
	27B	Arlene J. Mikeal
	27C	Marcia C. Payne & Marvin E. Carolina, etals
	29	James E. Mikeal & Bobbie Haywood etals
	29A	Irving R. Cousins
	30A	Vincent Dollard
	31	John W. Whitmore, Sr. Revocable Trust
	32	Charlotte R. Gauldin
64-2	24	Rodney D. & Loretta R. Ward
65-2	1	Bonita J. & Richard Blackwood
	2 3	Paul D. & Nevina I. Johnson
	3	John D. or Judith L. Yoder

(Biosolids Land Application)





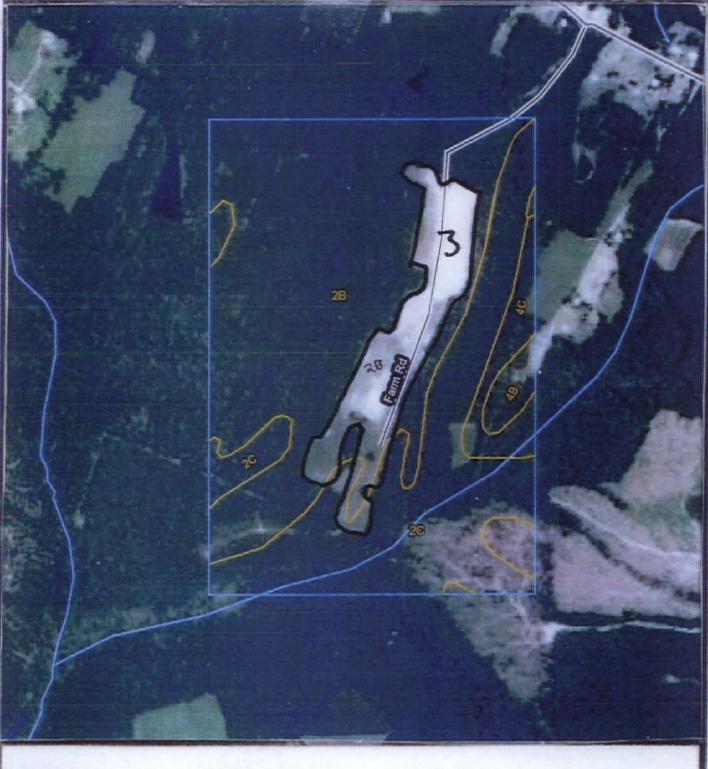
Scale: 1 inch = 660 feet

DWMAG 1-2

## Recyc Systems Inc.

(Biosolids Land Application)





Scale: 1 inch = 660 feet

**DWMAG3** 

SOIL MAP

# Recyc Systems Inc.

(Biosolids Land Application)





T# 6159

Scale: 1 inch = 660 feet

DWMAG 1-2

**AERIAL MAP** 

(Biosolids Land Application)





T#445

Scale: 1 inch = 660 feet

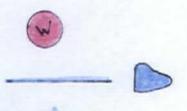
DWMAG 3

**AERIAL MAP** 

### Legend for Site Plan



House and Well/Public Building



Well/Spring

Perennial Streams & Surface

Wet Spot

Intermittent Stream/Drainage

Trees and Woods

Private Drive

Rock/Rocky Area

Sinkhole

Severely Eroded Spot

State Road

Field Boundary

Fence

Property Line

Slope

Frequent Flooding



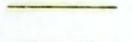












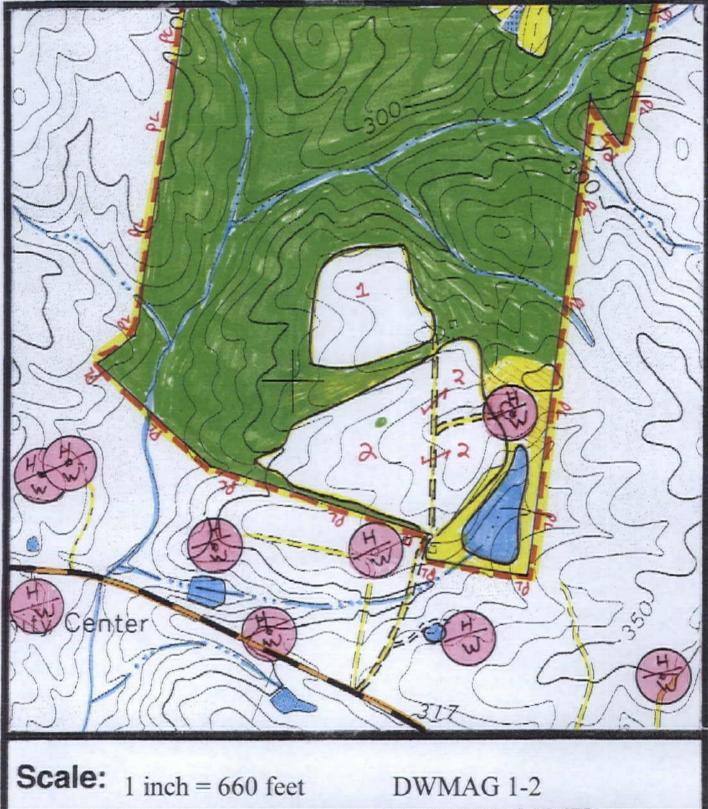






(Biosolids Land Application)





SITE PLAN

DWMAG 1-2

(Biosolids Land Application)





Scale:

1 inch = 660 feet

DWMAG 3

SITE PLAN

(Biosolids Land Application)





Scale:

1 inch = 2,000 feet

DWMAG 1-3

**TOPOGRAPHIC MAP** 

N

JB Crenshaw

Date: \_12-28-(7

Signature: SC

, his Google Mar Tax Map 80